



SOCIUS ENGG. TECH. PVT. LTD.

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TEST REPORT ON STEEL

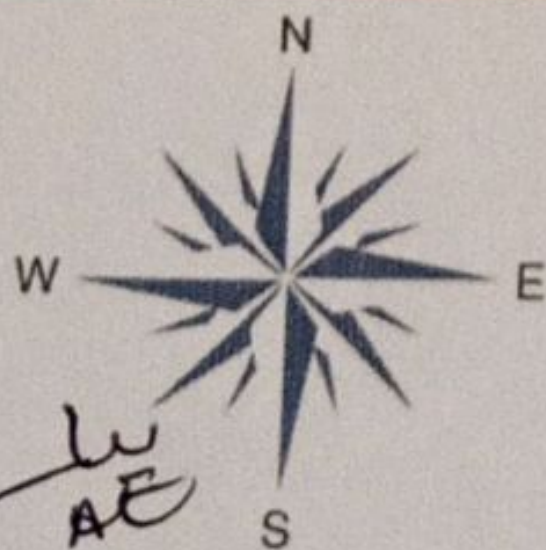
Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	20-05-22

Steel Test Calculation for Drain at Vivekananda Park

SL NO	Details	For 8mm		For 10mm		For 12mm	
		Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/	0.378	0.363	0.589	0.567	0.850	0.834



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	m)						
3	Proof Stress/Yield Stress $f_y = N/mm^2$	538	500	545	500	535	500
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm^2	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	



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TEST REPORT ON CHAIN LINK FENCING WIRE (8mm Gauge)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanka Satelite Town Sub Division
Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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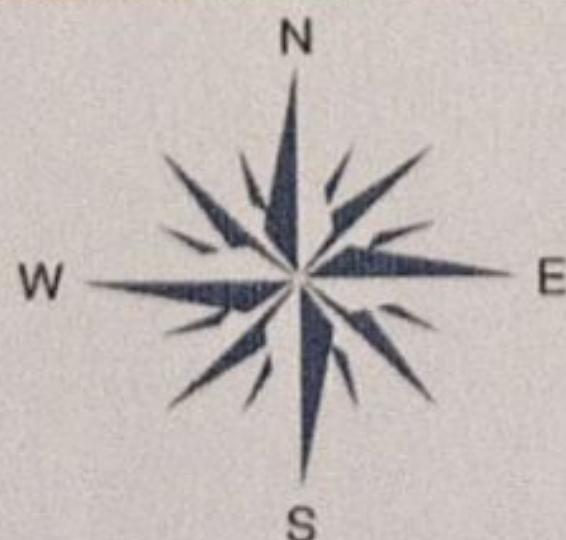
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Sl.No	Description	Result
1	Diameter	4.15mm
2	Internal Spacing	50mm X 50mm
3	Weight / Meter (1m X1m)	4.9498Kg



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TEST REPORT ON M S RECTANGULAR POLE (STRUCTURAL STEEL)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanka Satelite Town Sub Division
Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	ISA-65X65X6mm (1m Length) Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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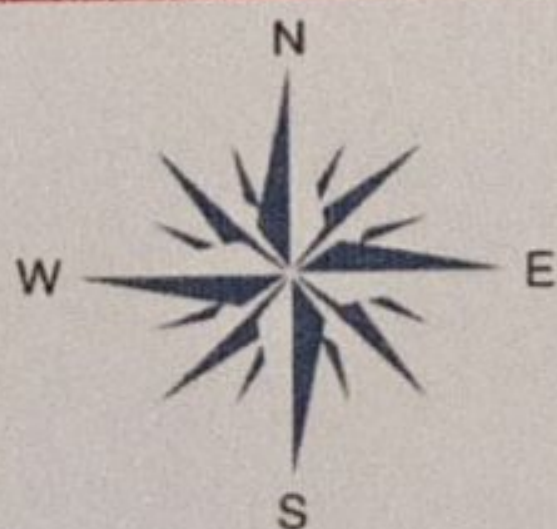
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Sl.No	Description	Result
1	Thickness	6.20mm
2	Width	65.0mm
3	Weight / Meter	5.90Kg



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TEST REPORT ON M.S PIPE(38mm Dia)

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanka Satelite Town Sub Division
Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	M.S Pipe 38mm Dia Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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PHYSICAL TEST

Sl.No	Description	Result
1	Thickness	2.25mm
2	Inner Diameter	38.10mm
3	Outer Diameter	42.60mm
4	Weight / Meter	1.880Kg



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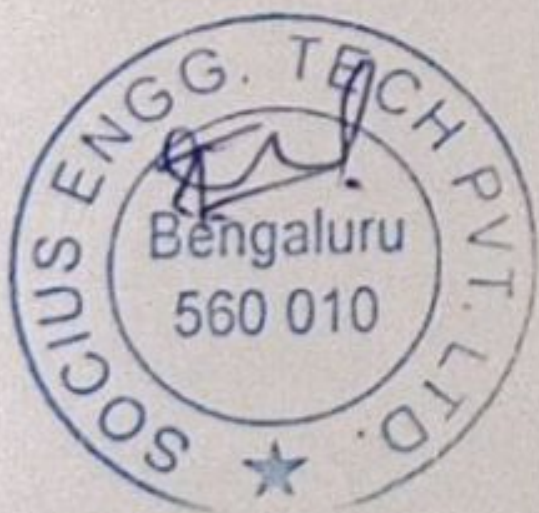


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TEST REPORT ON CHAIN LINK FENCING WIRE (8mm Gauge)

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Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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Sl.No	Description	Result
1	Diameter	4.15mm
2	Internal Spacing	50mm X 50mm
3	Weight / Meter (1m X1m)	4.9498Kg



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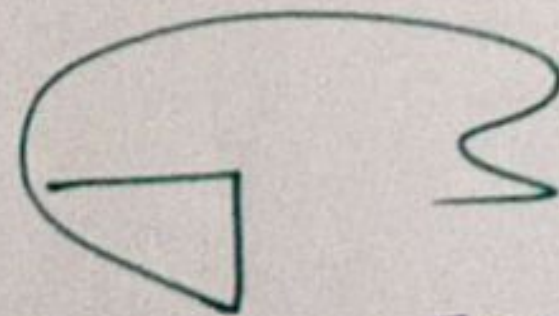
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Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	ISA-65X65X6mm (1m Length) Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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Sl.No	Description	Result
1	Thickness	6.20mm
2	Width	65.0mm
3	Weight / Meter	5.90Kg



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Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	M.S Pipe 38mm Dia Satisfactory
Test According to:	Relevant IS code
Date of Testing:	21-06-22



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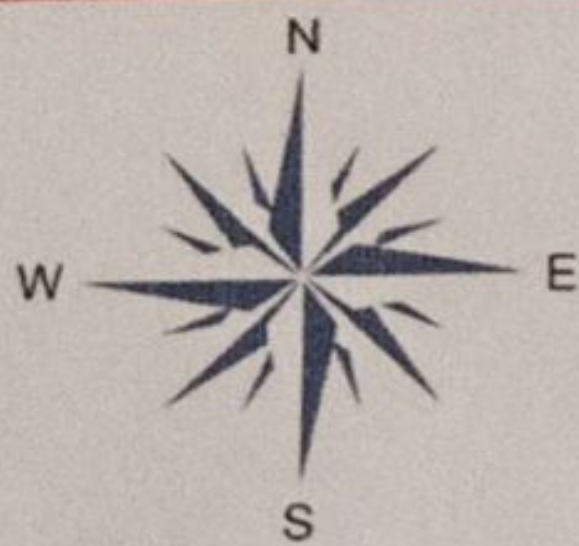
PHYSICAL TEST

Sl.No	Description	Result
1	Thickness	2.25mm
2	Inner Diameter	38.10mm
3	Outer Diameter	42.60mm
4	Weight / Meter	1.880Kg



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**TEST REPORT ON COMPRESSIVE STRENGTH OF
HEAVY DUTY COBBLE STONE**

Name of work:	Package No-10 1. Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanka Satelite Town Sub Division 2. Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanka Satelite Town Sub Division 3. Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanka Satelite Town Sub Division 4. Improvements to Parks in Ward No.04 in Yelahanka Satelite Town Sub Division
Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 1999), SP 24:1983
Date of Testing:	27-05-22



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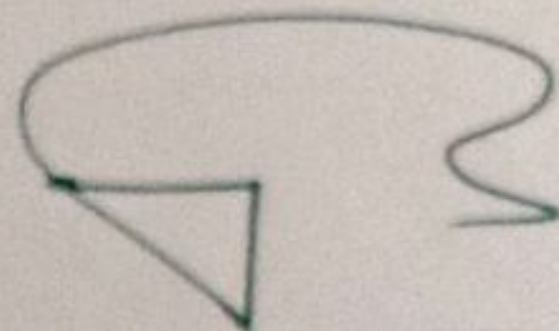
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SI No	Sample Diamention,Sq Cm	Sample Thickness,mm	Compressive Strength Heavy Duty Cobble Stone
1	260.75	58	281.23
2			286.05
3			276.15
4			286.24
5			279.36
6			282.31
7			281.45
Average Compressive Strength Kg/Sq.cm			281.82
Required Compressive Strength Kg/Sq.cm			281.00



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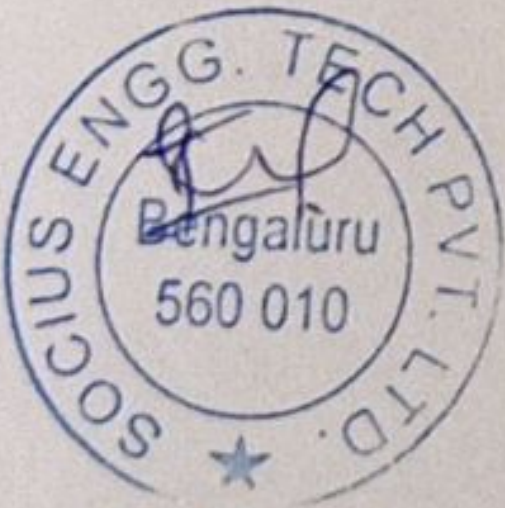


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**TEST REPORT ON COMPRESSIVE STRENGTH OF
HEAVY DUTY COBBLE STONE**

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Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 1999), SP 24:1983
Date of Testing:	30-05-22



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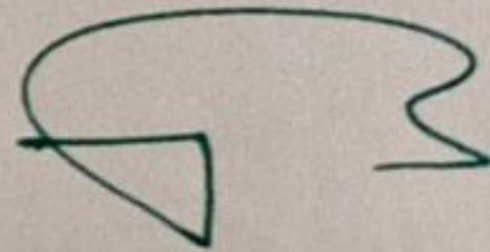
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SI No	Sample Diamention,Sq Cm	Sample Thickness,mm	Compressive Strength Heavy Duty Cobble Stone
1	260.75	58	280.43
2			284.54
3			280.28
4			285.44
5			273.42
6			283.41
7			281.45
Average Compressive Strength Kg/Sq.cm			281.28
Required Compressive Strength Kg/Sq.cm			281.00



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HEAVY DUTY COBBLE STONE**

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Location:	Duo marvels Layout
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 1999), SP 24:1983
Date of Testing:	27-03-22



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SI No	Sample Diamention,Sq Cm	Sample Thickness,mm	Compressive Strength Heavy Duty Cobble Stone
1	260.75	58	276.22
2			283.05
3			283.25
4			285.34
5			284.46
6			279.21
7			278.35
Average Compressive Strength Kg/Sq.cm			281.42
Required Compressive Strength Kg/Sq.cm			281.00



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